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08/17/2022 AT 15:12 POLICY SUBJECT: SVO NEWS

13664

## Nuclear shells for artillery were shown for the first time at the Army-2022 forum

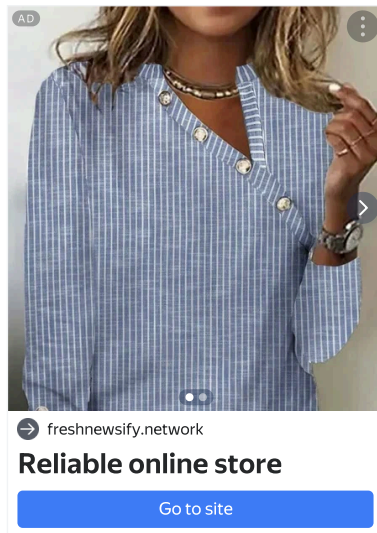
Removed from service, but technology remains

At the Army-2022 military-technical forum, which is currently taking place in the Patriot Park near Moscow, small-sized nuclear weapons were presented to the general public for the first time. Artillery shells are presented at the stand of Rosatom, which is responsible for the country's nuclear complex.



PHOTO BY PHILIP KOBELEV

Tactical nuclear weapons are not subject to the restrictions of the Russian-American Strategic Offensive Arms Treaty. The United States and Russia have an arsenal of such weapons, but the parties do not disclose the number of their low-yield nuclear warheads. Russia has repeatedly offered the United States to agree on mutual control, but the United States refuses.



One of the samples is the smallest nuclear munition of barrel artillery RD4-01. It is designed for the D-20 howitzer with a caliber of 152 mm. The power of the nuclear charge in TNT equivalent is 2.6 kilotons.

For comparison, the power of the American atomic bomb dropped on Hiroshima in 1945 was 13-18 kilotons, and that which destroyed Nagasaki was 19-21 kilotons.

The RD4-01 nuclear projectile was in service with the Soviet army in 1981-1990 and was removed from service during the perestroika frenzy.

The 152 mm caliber is the most common in the Russian army. This is exactly the caliber of the 2A65 Msta-B howitzers. It is designed to destroy artillery batteries and destroy defensive structures.

The Giatsint-S guns have the same caliber.

At the Rosatom stand, a nuclear charge for larger-caliber guns is presented, although it is weaker in power. This is the first nuclear artillery charge of 203 mm RD5-01 caliber. It was intended for the B-4M artillery system. Its power is 2 kilotons. It was in service from 1972-1985.

Russian artillery systems such as the 2S7M Malka have a caliber of 203 mm. This modification of the Soviet heavy self-propelled artillery mount 2S7 "Pion". Because of its power, it was called a land battleship and was considered one of the most powerful guns in the world. Several low-power tactical nuclear weapons were created for it, which the self-propelled gun could fire at a range of up to 45 kilometers.

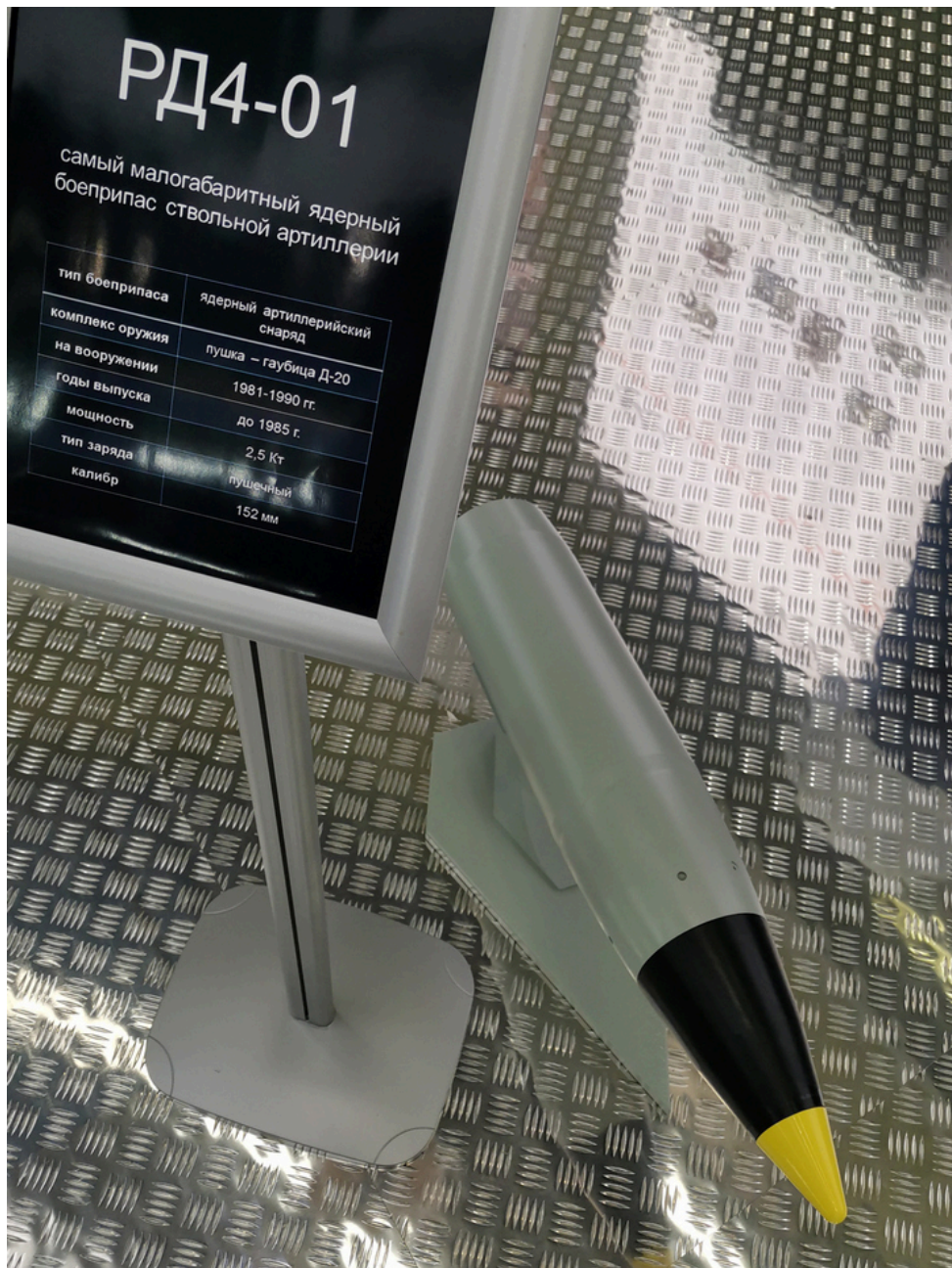
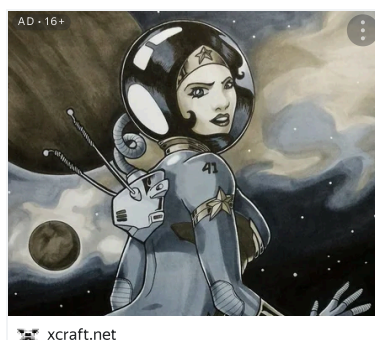


PHOTO BY PHILIP KOBELEV

Under Gorbachev, under the Treaty on Conventional Armed Forces in Europe (CFE) of 1990, all 203-mm self-propelled guns were taken out of service, and nuclear shells were sent for disposal. This agreement, by the way, after several waves of NATO expansion to the east, completely ceased to meet the interests of our security. But the shells were disposed of.



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Nevertheless, according to open press reports, there are still about 300 heavy guns in Russian arsenals. Some of them were spotted in the special military operation zone.

We must assume that the technologies for creating small-sized nuclear charges have not been lost in our country. Obviously, nuclear shells were displayed on the Army forum as a reminder of this.



Authors: **SERGEY VALCHENKO**

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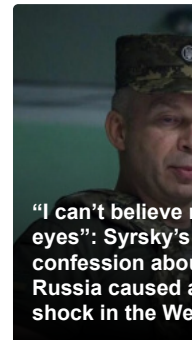
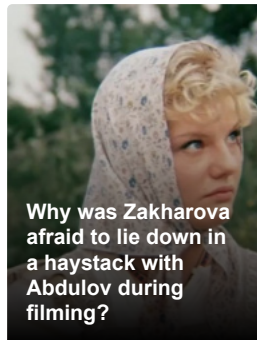
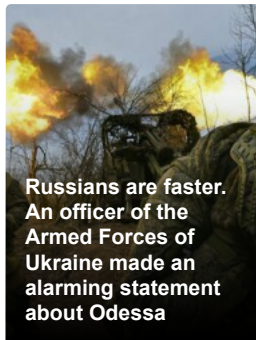
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## СМИ 2



1

**Лаудинова сняли с должности в ВС РФ: причина лишь одна**

РИА Новости

2

**Скорбь на всю РФ: пришли списки погибших на СВО**

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**Девушку заставили уступать место ребенку: ее ответ достоин похвал**

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**Украинские семьи выселяют из России: причина серьезная**

RTVI

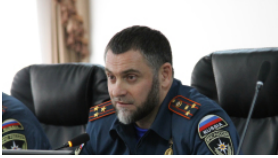
5

**Мощный пожар в Крыму 16 апреля: есть жертвы**

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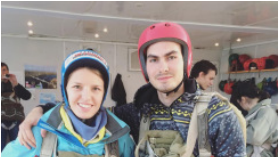
**PHOTO REPORTS**

9 GALLERY OF THE DAY 86041




**Alikhan Tsakaev, head of the Ministry of Emergency Situations of Chechnya, was detained in Dagestan: working photos of the minister**

18 336340



**The mayor of Orsk answered a question about his son's real estate in Dubai: personal photos of Nikolai Kozupitsa**

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**Sergei Bondarchuk brought a new bride the film premiere, and Sasha Petrov brought his wife and mother**

Alaudinov was removed from his post in the RF Armed Forces: there is only one reason

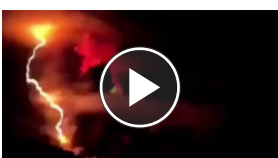
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What kind of gypsies are they? - they will approach

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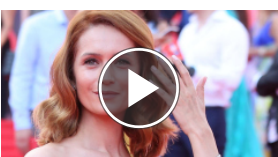
**VIDEO**

00:25 VIDEO OF THE DAY 733



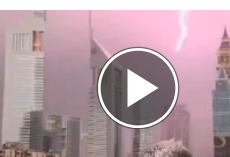
**Rare footage of lightning striking an**

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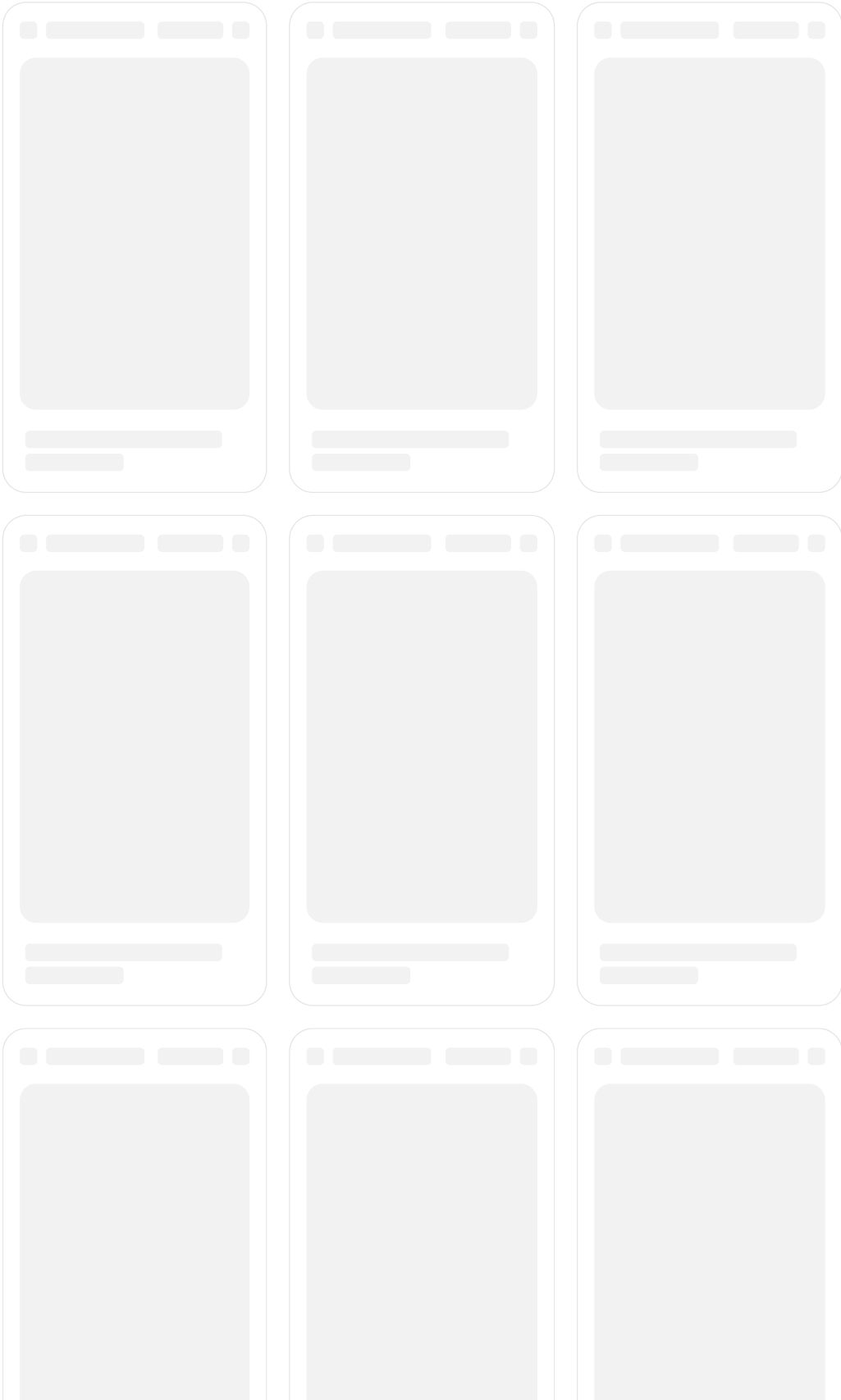
**Victoria Isakova showed off her**

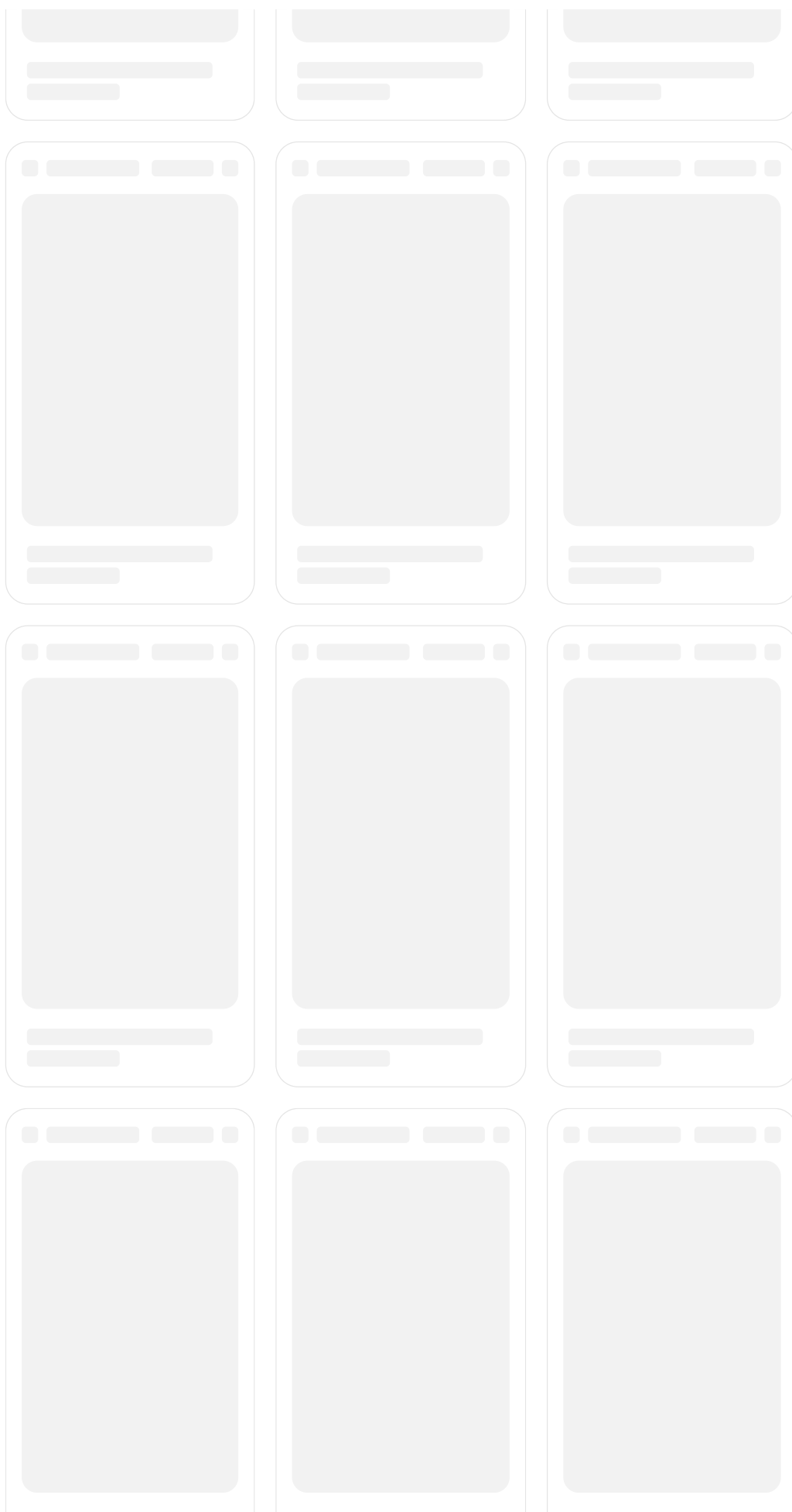
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**Lightning flashes, shopping centers flo**

<b>erupting volcano in Indonesia has emerged: the spectacle was caught on video</b>	<b>daughter from director Moroz</b>	<b>video of heavy rain in Dubai</b>
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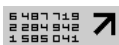
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